

**To:** Clark, Becki[Clark.Beki@epa.gov]; Sayles, Gregory[Sayles.Gregory@epa.gov]  
**From:** Weis, Christopher (NIH/NIEHS) [E]  
**Sent:** Sat 1/25/2014 8:56:30 PM  
**Subject:** FW: Toxicology Information to support evaluation of PPh Basic  
[ECETOC TR 095 Vol II\[1\].pdf](#)  
[Glycol ether P-series Chemical Category Final March 2013.docx](#)  
[Justification for Read across between EPh and Di-EPh.pdf](#)  
[Dow Final CSR complete PPh 070910.pdf](#)

Becki,

As discussed, attached is information from Dow regarding glycol ethers.

Chris

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From: **Ex. 6 - Personal Privacy** [REDACTED]@dow.com]  
Sent: Saturday, January 25, 2014 12:39 PM  
To: Weis, Christopher (NIH/NIEHS) [E]  
Cc: **Ex. 6 - Personal Privacy** [REDACTED]  
Subject: Toxicology Information to support evaluation of PPh Basic

Hi Dr. Weis,

Dow is providing the following toxicological information to help assist in the risk characterization of PPh Basic in reference to the ongoing situation in West Virginia. I hope that it will provide you with the added background information and further detail you need to complete your assessment.

The first document is the ECETOC Report on Glycol Ethers. It is a very comprehensive review of data on the family of glycols ethers and how structural similarities of the two categories (the ethylene and propylene series) impart similar toxicity profiles. It is a good "go to" reference to help understand the rationale for using data from specific members in the category as read across to others.

The second document is a more detailed scientific rationale for using a category approach for the propylene glycol ethers series. The third document outlines the scientific justification for reading across from the ethylene glycol phenyl ether to the di-ethylene glycol phenyl ether, for the repeated-dose and developmental endpoints specifically.

Together the above reference materials, I hope, will provide you with a good foundation to better understand the structural similarity of the glycol ether class, its influence on the overall toxicity profiles and its application in using propylene glycol phenyl ether data to predict the toxicological profile for the di-propylene glycol phenyl ether.

Finally is a copy of the Chemical Safety Report (CSR) for propylene glycol phenyl ether (PPh) created in compliance with the requirements under the EU REACH registration. The report contains supported uses, the key toxicological studies, the critical NOAEL, DNELs and output from relevant exposure scenarios that were modeled for supported product uses.

I hope that the above information provides the level of detail needed to help advance your efforts. Please

feel free to contact me with any questions or for any additional information that you require.

Best regards,

**Ex. 6 - Personal Privacy**

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